

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/810, 881A

Source: 1Fw0

Date Processed by STIC: 12/16/04

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RAW SEQUENCE LISTING

DATE: 12/16/2004

PATENT APPLICATION: US/10/810,881A

TIME: 16:06:48

Input Set : A:\12 10 04 SEQ LIST.txt

Output Set: N:\CRF4\12162004\J810881A.raw

3 <110> APPLICANT: Mercken, Marc; Benson, Jacqueline M.
 5 <120> TITLE OF INVENTION: ANTI-AMYLOID ANTIBODIES, COMPOSITIONS, METHODS AND USES
 7 <130> FILE REFERENCE: CEN5021 NP
 9 <140> CURRENT APPLICATION NUMBER: US 10/810,881A
 10 <141> CURRENT FILING DATE: 2004-03-26
 12 <150> PRIOR APPLICATION NUMBER: US 60/458,474
 13 <151> PRIOR FILING DATE: 2003-03-28
 15 <150> PRIOR APPLICATION NUMBER: US 60/458,469
 16 <151> PRIOR FILING DATE: 2003-03-28
 18 <150> PRIOR APPLICATION NUMBER: US 60/458,509
 19 <151> PRIOR FILING DATE: 2003-03-28
 21 <150> PRIOR APPLICATION NUMBER: US 60/458,510
 22 <151> PRIOR FILING DATE: 2003-03-28
 24 <160> NUMBER OF SEQ ID NOS: 131
 26 <170> SOFTWARE: PatentIn version 3.3
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 125
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Homo sapiens
 35 <220> FEATURE:
 36 <221> NAME/KEY: MISC_FEATURE
 37 <222> LOCATION: (1)..(125)
 38 <223> OTHER INFORMATION: Vh1 heavy chain variable region
 40 <220> FEATURE:
 41 <221> NAME/KEY: MISC_FEATURE
 42 <222> LOCATION: (1)..(31)
 43 <223> OTHER INFORMATION: framework 1
 45 <220> FEATURE:
 46 <221> NAME/KEY: MISC_FEATURE
 47 <222> LOCATION: (32)..(32)
 48 <223> OTHER INFORMATION: complementarity determinng region 1 (CDR1), X is any amino
 acid.
 50 <220> FEATURE:
 51 <221> NAME/KEY: MISC_FEATURE
 52 <222> LOCATION: (33)..(46)
 53 <223> OTHER INFORMATION: framework 2
 55 <220> FEATURE:
 56 <221> NAME/KEY: MISC_FEATURE
 57 <222> LOCATION: (47)..(47)
 58 <223> OTHER INFORMATION: complementarity determinng region 2 (CDR2), X is any amino
 acid.
 60 <220> FEATURE:
 61 <221> NAME/KEY: MISC_FEATURE
 62 <222> LOCATION: (48)..(79)

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63 <223> OTHER INFORMATION: framework 3

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65 <220> FEATURE:
 66 <221> NAME/KEY: MISC_FEATURE
 67 <222> LOCATION: (80)..(80)
 68 <223> OTHER INFORMATION: complementarity determinng region 3 (CDR3), X is any amino acid.

70 <220> FEATURE:
 71 <221> NAME/KEY: MISC_FEATURE
 72 <222> LOCATION: (81)..(125)
 73 <223> OTHER INFORMATION: framework 4
 75 <400> SEQUENCE: 1

77	Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	
78	1			5					10					15		
W--> 81	Ala	Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Xaa
82			20					25					30			
85	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	Gly	Xaa	Arg
86			35				40					45				
89	Val	Thr	Met	Thr	Arg	Asp	Thr	Ser	Thr	Ser	Thr	Ala	Tyr	Met	Glu	Leu
90		50				55					60					
93	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	Xaa
94	65				70					75					80	
97	Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Gly	Ser	Thr	Lys	Gly
98				85				90				95				
101	Pro	Ser	Val	Phe	Pro	Leu	Ala	Pro	Ser	Ser	Lys	Ser	Thr	Ser	Gly	Gly
102			100					105				110				
105	Thr	Ala	Ala	Leu	Gly	Cys	Leu	Val	Lys	Asp	Tyr	Phe	Pro			
106			115				120					125				

109 <210> SEQ ID NO: 2
 110 <211> LENGTH: 124
 111 <212> TYPE: PRT
 112 <213> ORGANISM: Homo sapiens
 115 <220> FEATURE:
 116 <221> NAME/KEY: MISC_FEATURE
 117 <222> LOCATION: (1)..(124)
 118 <223> OTHER INFORMATION: Vh2 heavy chain variable region
 120 <220> FEATURE:
 121 <221> NAME/KEY: MISC_FEATURE
 122 <222> LOCATION: (1)..(30)
 123 <223> OTHER INFORMATION: framework 1
 125 <220> FEATURE:
 126 <221> NAME/KEY: MISC_FEATURE
 127 <222> LOCATION: (31)..(31)
 128 <223> OTHER INFORMATION: complementarity determinng region 1 (CDR1), X is any amino acid.

130 <220> FEATURE:
 131 <221> NAME/KEY: MISC_FEATURE
 132 <222> LOCATION: (32)..(45)
 133 <223> OTHER INFORMATION: framework 2
 135 <220> FEATURE:
 136 <221> NAME/KEY: MISC_FEATURE
 137 <222> LOCATION: (46)..(46)
 138 <223> OTHER INFORMATION: complementarity determinng region 2 (CDR2), X is any amino acid.

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140 <220> FEATURE:
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 142 <222> LOCATION: (47)..(78)
 143 <223> OTHER INFORMATION: framework 3
 145 <220> FEATURE:
 146 <221> NAME/KEY: MISC_FEATURE
 147 <222> LOCATION: (79)..(79)
 148 <223> OTHER INFORMATION: complementarity determinng region 3 (CDR3), X is any amino

acid.

150 <220> FEATURE:
 151 <221> NAME/KEY: MISC_FEATURE
 152 <222> LOCATION: (80)..(124)
 153 <223> OTHER INFORMATION: framework 4
 155 <400> SEQUENCE: 2
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 158 1 5 10 15
 W--> 161 Thr Leu Thr Leu Thr Cys Thr Phe Ser Gly Phe Ser Leu Ser Xaa Trp
 162 20 25 30
 165 Ile Arg Gln Pro Pro Gly Lys Ala Leu Glu Trp Leu Ala Xaa Arg Leu
 166 35 40 45
 169 Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
 170 50 55 60
 173 Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Xaa Trp
 174 65 70 75 80
 177 Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Pro Thr Ser Pro
 178 85 90 95
 181 Lys Val Phe Pro Leu Ser Leu Ser Ser Lys Ser Thr Ser Gly Gly Thr
 182 100 105 110
 185 Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro
 186 115 120

189 <210> SEQ ID NO: 3
 190 <211> LENGTH: 100
 191 <212> TYPE: PRT
 192 <213> ORGANISM: Homo sapiens
 195 <220> FEATURE:
 196 <221> NAME/KEY: MISC_FEATURE
 197 <222> LOCATION: (1)..(100)
 198 <223> OTHER INFORMATION: Vh3a heavy chain variable region

200 <220> FEATURE:
 201 <221> NAME/KEY: MISC_FEATURE
 202 <222> LOCATION: (1)..(31)
 203 <223> OTHER INFORMATION: framework 1
 205 <220> FEATURE:
 206 <221> NAME/KEY: MISC_FEATURE
 207 <222> LOCATION: (32)..(32)
 208 <223> OTHER INFORMATION: complementarity determinng region 1 (CDR1), X is any amino

acid.

210 <220> FEATURE:
 211 <221> NAME/KEY: MISC_FEATURE
 212 <222> LOCATION: (33)..(46)
 213 <223> OTHER INFORMATION: framework 2

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215 <220> FEATURE:
 216 <221> NAME/KEY: MISC_FEATURE
 217 <222> LOCATION: (47)..(47)
 218 <223> OTHER INFORMATION: complementarity determinng region 2 (CDR2), X is any amino
 cid.

220 <220> FEATURE:
 221 <221> NAME/KEY: MISC_FEATURE
 222 <222> LOCATION: (48)..(79)
 223 <223> OTHER INFORMATION: framework 3
 225 <220> FEATURE:
 226 <221> NAME/KEY: MISC_FEATURE
 227 <222> LOCATION: (80)..(80)
 228 <223> OTHER INFORMATION: complementarity determinng region 3 (CDR3), X is any amino
 cid.

230 <220> FEATURE:
 231 <221> NAME/KEY: MISC_FEATURE
 232 <222> LOCATION: (81)..(100)
 233 <223> OTHER INFORMATION: framework 4
 235 <400> SEQUENCE: 3
 237 Glu Val Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
 238 1 5 10 15
 --> 241 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Xaa
 242 20 25 30
 245 Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser Xaa Arg
 246 35 40 45
 249 Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
 250 50 55 60
 253 Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Xaa
 254 65 70 75 80
 257 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Ser Thr Lys Ala
 258 85 90 95

261 Pro Ser Val Phe
 262 100
 265 <210> SEQ ID NO: 4'
 266 <211> LENGTH: 102
 267 <212> TYPE: PRT
 268 <213> ORGANISM: Homo sapiens
 271 <220> FEATURE:
 272 <221> NAME/KEY: MISC_FEATURE
 273 <222> LOCATION: (1)..(102)
 274 <223> OTHER INFORMATION: Vh3b heavy chain variable region
 276 <220> FEATURE:
 277 <221> NAME/KEY: MISC_FEATURE
 278 <222> LOCATION: (1)..(30)
 279 <223> OTHER INFORMATION: framework 1
 281 <220> FEATURE:
 282 <221> NAME/KEY: MISC_FEATURE
 283 <222> LOCATION: (31)..(31)
 284 <223> OTHER INFORMATION: complementarity determinng region 1 (CDR1), X is any amino
 cid.

286 <220> FEATURE:
 287 <221> NAME/KEY: MISC_FEATURE

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288 <222> LOCATION: (32)..(45)
289 <223> OTHER INFORMATION: framework 2
291 <220> FEATURE:
292 <221> NAME/KEY: MISC_FEATURE
293 <222> LOCATION: (46)..(46)
294 <223> OTHER INFORMATION: complementarity determinng region 2 (CDR2), X is any amino
acid.
296 <220> FEATURE:
297 <221> NAME/KEY: MISC_FEATURE
298 <222> LOCATION: (47)..(78)
299 <223> OTHER INFORMATION: framework 3
301 <220> FEATURE:
302 <221> NAME/KEY: MISC_FEATURE
303 <222> LOCATION: (79)..(79)
304 <223> OTHER INFORMATION: complementarity determinng region 3 (CDR3), X is any amino
acid.
306 <220> FEATURE:
307 <221> NAME/KEY: MISC_FEATURE
308 <222> LOCATION: (80)..(102)
309 <223> OTHER INFORMATION: framework 4
311 <400> SEQUENCE: 4
313 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
314 1 5 10 15
W--> 317 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Xaa Trp
318 20 25 30
321 Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Gly Xaa Arg Phe
322 35 40 45
325 Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
326 50 55 60
329 Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Xaa Trp
330 65 70 75 80
333 Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
334 85 90 95
337 Ser Val Phe Pro Leu Ala
338 100
341 <210> SEQ ID NO: 5
342 <211> LENGTH: 101
343 <212> TYPE: PRT
344 <213> ORGANISM: Homo sapiens
347 <220> FEATURE:
348 <221> NAME/KEY: MISC_FEATURE
349 <222> LOCATION: (1)..(101)
350 <223> OTHER INFORMATION: Vh3c heavy chain variable region
352 <220> FEATURE:
353 <221> NAME/KEY: MISC_FEATURE
354 <222> LOCATION: (1)..(30)
355 <223> OTHER INFORMATION: framework 1
357 <220> FEATURE:
358 <221> NAME/KEY: MISC_FEATURE
359 <222> LOCATION: (31)..(31)
360 <223> OTHER INFORMATION: complementarity determinng region 1 (CDR1), X is any amino
acid.

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 PATENT APPLICATION: US/10/810,881A TIME: 16:06:49

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 32,47,80
 Seq#:2; Xaa Pos. 31,46,79
 Seq#:3; Xaa Pos. 32,47,80
 Seq#:4; Xaa Pos. 31,46,79
 Seq#:5; Xaa Pos. 31,46,80
 Seq#:6; Xaa Pos. 34,49,82
 Seq#:7; Xaa Pos. 32,47,80
 Seq#:8; Xaa Pos. 31,46,79
 Seq#:9; Xaa Pos. 31,46,79
 Seq#:10; Xaa Pos. 25,41,74
 Seq#:11; Xaa Pos. 24,40,73
 Seq#:12; Xaa Pos. 24,40,73
 Seq#:13; Xaa Pos. 24,40,73
 Seq#:14; Xaa Pos. 18,34,67
 Seq#:15; Xaa Pos. 16,32,65
 Seq#:16; Xaa Pos. 23,39,72
 Seq#:17; Xaa Pos. 24,40,73
 Seq#:18; Xaa Pos. 23,39,72
 Seq#:19; Xaa Pos. 23,39,72
 Seq#:20; Xaa Pos. 23,40,73
 Seq#:21; Xaa Pos. 23,39,72
 Seq#:22; Xaa Pos. 23,39,72
 Seq#:23; Xaa Pos. 23,39,72
 Seq#:24; Xaa Pos. 23,39,72
 Seq#:25; Xaa Pos. 23,40,75
 Seq#:26; Xaa Pos. 23,39,74
 Seq#:27; Xaa Pos. 23,39,72
 Seq#:28; Xaa Pos. 23,39,72
 Seq#:29; Xaa Pos. 23,39,72
 Seq#:30; Xaa Pos. 23,39,72

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
 per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104
 Seq#:105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122
 Seq#:123,124,125,126,127,128,129,130,131

VERIFICATION SUMMARY

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Input Set : A:\12 10 04 SEQ LIST.txt

Output Set: N:\CRF4\12162004\J810881A.raw

L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:16
M:341 Repeated in SeqNo=1
L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
M:341 Repeated in SeqNo=2
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:16
M:341 Repeated in SeqNo=3
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16
M:341 Repeated in SeqNo=4
L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:16
M:341 Repeated in SeqNo=5
L:473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:32
M:341 Repeated in SeqNo=6
L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:16
M:341 Repeated in SeqNo=7
L:629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:16
M:341 Repeated in SeqNo=8
L:709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:16
M:341 Repeated in SeqNo=9
L:781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16
M:341 Repeated in SeqNo=10
L:853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
M:341 Repeated in SeqNo=11
L:925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:16
M:341 Repeated in SeqNo=12
L:997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16
M:341 Repeated in SeqNo=13
L:1069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16
M:341 Repeated in SeqNo=14
L:1133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:341 Repeated in SeqNo=15
L:1205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:16
M:341 Repeated in SeqNo=16
L:1281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16
M:341 Repeated in SeqNo=17
L:1357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16
M:341 Repeated in SeqNo=18
L:1433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16
M:341 Repeated in SeqNo=19
L:1509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:16
M:341 Repeated in SeqNo=20
L:1581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:16
M:341 Repeated in SeqNo=21
L:1657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:16
M:341 Repeated in SeqNo=22
L:1733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:16
M:341 Repeated in SeqNo=23
L:1805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:16
M:341 Repeated in SeqNo=24

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L:1877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:16

M:341 Repeated in SeqNo=25